

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IL2004/000502

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 GO1N33/543 GO1N27/414 GO1N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 GO1N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, INSPEC, BIOSIS, EMBASE, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) & JP 2000 097899 A (NTT ADVANCED TECHNOLOGY CORP; NIPPON TELEGR & TELEPH CORP < NTT), 7 April 2000 (2000-04-07) abstract ---	1
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 23, 10 February 2001 (2001-02-10) & JP 2001 156398 A (CANON INC), 8 June 2001 (2001-06-08) abstract ---	1 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *&* document member of the same patent family

Date of the actual completion of the International search

12 October 2004

Date of mailing of the International search report

03/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Komenda, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MA X L ET AL: "Microstructural characterization of Si cones fabricated by Ar<+>-sputtering Si/Mo targets" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 234, no. 4, February 2002 (2002-02), pages 654-659, XP004313082 ISSN: 0022-0248 the whole document ---	1
P, X	WO 03/104789 A (UNIV NEW JERSEY MED ; UNIV RUTGERS (US)) 18 December 2003 (2003-12-18) paragraphs '0057!, '0059!; claim 9; figure 2 ---	1
A	FROMHERZ PETER: "Electrical interfacing of nerve cells and semiconductor chips." CHEMPHYSCHM: A EUROPEAN JOURNAL OF CHEMICAL PHYSICS AND PHYSICAL CHEMISTRY, vol. 3, no. 3, 12 March 2002 (2002-03-12), pages 276-284, XP002300227 ISSN: 1439-4235 cited in the application the whole document ---	1-43
A	FROMHERZ P: "Semiconductor chips with ion channels, nerve cells and brain" PHYSICA E ELSEVIER NETHERLANDS, vol. 16, no. 1, January 2003 (2003-01), pages 24-34, XP002300226 ISSN: 1386-9477 abstract ---	1-43
A	WO 01/25769 A (SOPHION BIOSCIENCE AS) 12 April 2001 (2001-04-12) abstract; figures 3B-3D ---	1-43

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Information on patent family members

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